









Logged By:	Date Drilled:	Drilling Contractor		Project Name:		Method/Equipment:		Well Number:	
DEC	5/5/04	West Hazmat Drilling		7-Eleven Store #23233 Well Install 8499 Gerber Road, Sacramento, CA.		Hollow Stem Auger		MW-3	
		Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):		Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):	
		8		▽ 75 First Water ▼ 74.1 Static Water		83.0	140	30	
Well Construction	Depth, (ft.)	Sample Recovery	Blows/6"	Description					
 Grout   4-inch diam. sch. 40, blank PVC				 6-inch Asphalt.  6-inch Base Rock/Fill.					
				Hard Pan Hand Auger to 5' bgs.					
	5								
	10		9 12 24	(ML) Sandy Silt: yellowish brown (10YR 5/8), fine grain, low plastic, low toughness, firm, damp, moderate cementation, hydrocarbon odor. (0,35,65,0)				0	NA
	15		25 29 32	(ML) Silt: brown (10YR 5/3), fine grain, high plasticity, low toughness, soft, damp, no hydrocarbon odor. (0,10,90,0)				0	
20		25 30 35	(ML) Same as above.				0		
	29							0	
The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.									

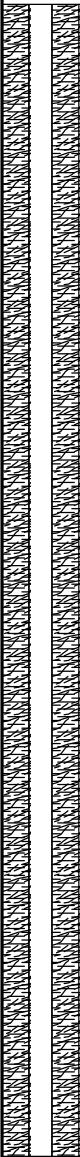
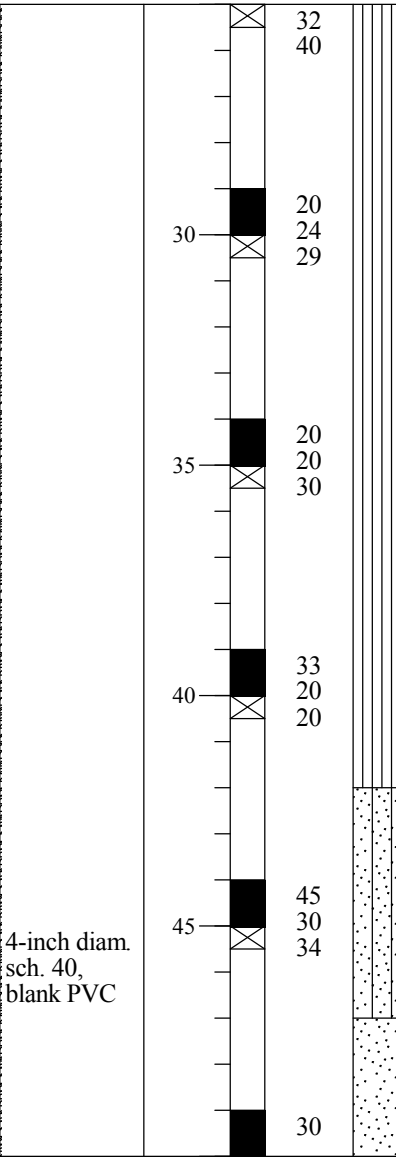

Project No. 77EL.23233.04.0502 Date June 2004

Log of Well

 MW-1 TO MW-3A.GPJ  
 LOG OF BOREHOLE

Figure

MW-3 (sheet 1 of 4)

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DEC	5/5/04	West Hazmat Drilling		7-Eleven Store #23233 Well Install 8499 Gerber Road, Sacramento, CA.		Hollow Stem Auger		MW-3	
		Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):		Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):	
		8		▽ 75 First Water ▼ 74.1 Static Water		83.0	140	30	
Well Construction		Depth, (ft.)	Sample Recovery	Blows/6"	Description				
 4-inch diam. sch. 40, blank PVC		32	×	32		(ML) Same as above.	0	MW-3-30'	
		40		40					
		20	■	20					
		24	×	24					
		29		29					
		20	■	20					
		20	×	20					
		30		30					
		33	■	33					
		20	×	20					
20		20							
45	■	45		(SM) Silty Sand: light olive brown (2.5Y 5/3), fine grain, poorly graded, loose, damp, weakly cemented, no hydrocarbon odor. (0,80,10,0)	0	MW-3-45'			
30	×	30							
34		34							
		30		30			0	MW-3-50'	

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Log of Well

MW-1 TO MW-3A.GPJ  
LOG OF BOREHOLE

Figure

MW-3 (sheet 2 of 4)

Logged By:	Date Drilled:	Drilling Contractor	Project Name:	Method/Equipment:	Well Number:
DEC	5/5/04	West Hazmat Drilling	7-Eleven Store #23233 Well Install 8499 Gerber Road, Sacramento, CA.	Hollow Stem Auger	MW-3
		Boring Diam.(in.): 8	Surface Elev.(ft.): ▽ 75 First Water ▽ 74.1 Static Water	Total Depth (ft.): 83.0	Drive wt.(lbs.): 140
					Drop Dist.(in.): 30
Well Construction	Depth, (ft.)	Sample Recovery	Blows/6"	Description	
Grout		40 50		(SP) Sand: yellowish brown (10YR 5/4), grain sand, poorly graded, loose sand, damp, weakly cemented. (0,85,15,0)	
	55	40 50		(SM) Silty Sand: brown (10YR 5/3), fine grain sand, poorly graded, medium dense sand, moist, weak cementation, no hydrocarbon odor. (0,70,30,0)	0 MW-3-55'
Grout	60	22 29 34		(SP) Sand: brown (10YR 4/3), fine grain, poorly graded, very loose sand, moist, weak cementation, no hydrocarbon odor. (0,95,5,0)	0 MW-3-60'
Bentonite					
	65	30 35 42		(ML) Sandy Silt: yellowish brown (10YR 5/4), fine grain sand, non-plastic, firm, moist, weakly cemented, no hydrocarbon odor. (0,30,70,0)	0 MW-3-65'
	70	35 55		(ML) Same as above.	0 MW-3-70'
#3 Monterey Sand					
▽		21			0 MW-3-75'

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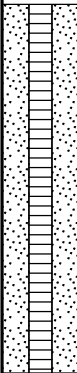
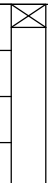



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MW-1 TO MW-3A.GPJ  
LOG OF BOREHOLE

Log of Well

Figure

MW-3 (sheet 3 of 4)

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		Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):		Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):	
		8		▽ 75 First Water ▼ 74.1 Static Water		83.0	140	30	
Well Construction	Depth, (ft.)	Sample Recovery	Blows/6"	Description					
	80		29 32	<b>(SM)</b> Silty Sand: brown (7.5YR 5/4), fine grain sand, poorly graded, loose sand, saturated, weak cementation, no hydrocarbon odor. (0,70,30,0)				0	MW-3-80'
			16 20 24						
Threaded end cap	85		29 32 40	<b>(SP)</b> Sand: light yellowish brown (2.5Y 6/4), fine grain sand, poorly graded, soft, saturated, weakly cemented, no hydrocarbon odor. (0,100,0,0) <b>(SC)</b> Clayey Sand: yellowish brown (10YR 5/4), fine grain sand, poorly graded, low plasticity, low toughness, medium dense sand, wet, no hydrocarbon odor. (0,70,0,30) <b>(ML)</b> Silt: strong brown (10YR 5/6), low plasticity, medium toughness, soft, saturated, weak cementation, no hydrocarbon odor. (0,10,90,0)				0	MW-3-85'
									
	90								
	95								
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Log of Well

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Figure

**MW-3** (sheet 4 of 4)